

04/10/21

S.D.O. Const. S/Divn.
CHBVN, Yamuna Nagar

प्रेषण

सेवा के

उप वन संरक्षण
वन विभाग यमुना नगर ।

Memo No 257.

Dated 04/10/2021

विषय - DIVERSION of 0.089 Hrs. Land (Forest) in favor of
S.D. Const. S/Divn. CHBVN Yamuna Nagar for construction
of 02 No New 66KV Towers for New 33 kv Ranker to
Chhabe' line emanating from 220 kv. S/S. Ranker Kanhat
at crossing of Sam River under Forest Division and District
Yamuna Nagar Haryana

पाठवा
04/10/2021

Ref. your Gen office memo No - 3912 dated 01/10/2021

उपरोक्त विषय के बारे में आदेश अंकित
विभागीय आदेश है कि SE. P.D. CHBVN Kanhat के
work order No. / memo No. ch. 25 / CE POC / SE PD / XEM / DD-III
Bid 581 / 2019 dated. 29/06/2019 and contract No ch. 26 /
CE POC / SE PD / XEM / DD-III dated 29/06/2019. supply and
erection, 2 no towers के लक्षण के order के
अंशगत Photo copy आपको भेजी जा रही है। This is
your kind information and necessary Action please.

DA as above

04/10/2021
S.D.O. Const. S/Divn.
CHBVN, Yamuna Nagar

UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED

(A Government of Haryana Undertaking)
 Registered Office: C-16 Vidyut Sadan, Sector 6, Panchkula, Haryana
 Office of CE/ PD&C, UHBVN, Panchkula
 Ph. No. 0172- 2570431, 3019145, 146 & Fax-0172- 2578469
 E-mail - cepdce@uhbvn.org.in

CSO-749
 UHBVN
 10/07
 17/07/19
 Subject:

M/s Flair Electric Projects Pvt. Ltd.,
 129, Transport Center, Rohtak Road Panjabi Bagh,
 New Delhi-110035
 Tel No. 011-47634400

E-mail: manan.rajkumar@gmail.com

Memo No. Ch-25/ CE PDC/ SE PD/ XEN DD-III/ B- 581/ 2019
 Dated: - 29.06.2019

Variation Order for supply of material for construction of 02 No. new 66 kV Towers for new 33 kV Rampur-Chhouli line emanating from 220 kV Sub-station Rampur Kamboj at crossing of SOM River alongwith complete civil works on turnkey basis under 'Op' Circle, Yamunanagar in geographical area of UHBVN.

Ref:-

LOI- cum- Work Order for supply of material for construction of new 66 kV Towers for strengthening of existing 33 kV Rampur-Thimo and 33 kV Rampur-Ledi lines emanating from 220 kV Sub-station Rampur Kamboj at Low Lying/ Water Logging/ Forest Area alongwith complete civil works on turnkey basis under 'Op' Circle, Yamunanagar in geographical area of UHBVN - LOI- cum- Work Order No. PDC- 825/ CE PDC/ SE PD/ XEN DD- III/ B- 581/ 2019 dated 28.05.2019.

This is with ref. to the above referred LOI- cum- Work Order placed upon your firm by this office for the subject cited matter

In view of the provisions contained in the above referred work order as per Clause No. 15 "Quantity Variation", this office is pleased to inform you about the quantity variation (Supply Part) for work of construction of 02 No. new 66 kV Towers for new 33 kV Rampur-Chhouli line emanating from 220 kV Sub station Rampur Kamboj at crossing of Som River alongwith complete civil works on turnkey basis with following revised value of work order -

Description of the work order	Original value for Supply & Erection of Material (all inclusive)	Revised value for Supply & Erection of Material (all inclusive)	Reference
Work Order No. PDC- 825/ CE PDC/ SE PD/ XEN DD- III/ B- 581/ 2019 dated 28.05.2019	1,66,93,722.12	1,86,56,518.70	The cost of supply part is tabulated in Table- A

The schedule of prices is given as under.

Table- A

Supply of material for 66 kV Towers:-

of the above is forwarded to S.D.O., Const S/Divn, UHBVN for information & necessary action Please

Description of Material	Unit	Qty.	Unit supply price (all inclusive) (in Rs.)	Total cost for supply of material (all inclusive) (in Rs.)
66kV D.A. type Tower	No.	2	225365.03	450730.06
1) +3m extra Only	No.	0	39522.92	0.00
1) +6m extra Only	No.	2	70140.38	140280.76
66kV DB type Tower	No.	0	229315.20	0.00
1) +3m extra Only	No.	0	23660.37	0.00

	i) 16m extn Only	No	0	15039.50	0.00
3	66kV DD type Tower	No	0	347234.15	0.00
	ii) 3m extn Only	No	0	10489.74	0.00
	ii) 16m extn Only	No	0	160719.30	0.00
4	66kV DD type Tower	No	0	465551.21	0.00
	ii) 3m extn Only	No	0	108689.24	0.00
	ii) 16m extn Only	No	0	182677.13	0.00
5	Gantry	No	0	104601.06	0.00
6	4 pole structure on 11 mtr long PCC poles	No	2	101507.14	203014.28
	Supply of earthing of towers			0.00	0.00
	i) Pole type	Set	2	6647.16	13294.32
	ii) Counterpoise type	Set	0	0.00	0.00
2	Supply of following Tower accessories			0.00	0.00
	i) Danger Plate	No	6	677.08	4062.48
	ii) Number Plate	No	6	677.08	4062.48
	iii) Phase Plate (set of 3)	Set	3	677.08	2031.24
	iv) Name Plate (set of 2)	Set	6	677.08	4062.48
	v) Pole Sign (Set of 3)	Set	6	684.23	4105.38
	vi) Anti climbing device	Set	6	9035.94	54215.64
11	LINE MATERIAL			0.00	0.00
4	Conductor Wolf ACSR 150mm ²	km	1.2	132390.30	158868.36
5	Earthwire 7/3.15 mm	km	0.4	30263.64	12105.46
6	Porcelain type disc insulators			0.00	0.00
	i) 6 kN Suspension type	Set	25	252.72	6318.00
	ii) 90 kN Tension type	Set	55	3782.58	208041.90
7	66 kV Post Insulators	No	0	2521.72	0.00
8	Hardware Fittings			0.00	0.00
	i) Single T Suspension String suitable for Wolf ACSR 150mm ²	Set	10	756.52	7565.20
	ii) Single suspension pilot string suitable for Wolf ACSR 150mm ²	Set	2	1373.46	2746.92
	iii) Single Tension string suitable for Wolf ACSR 150mm ²	Set	19	1639.12	31143.28
	iv) Double tension string	Set	0	5850.76	0.00
2	Conductor & Earth wire Accessories			0.00	0.00
	i) Mid Span Compression Joint for Conductor	No	2	867.45	1734.90
	ii) Mid Span Compression Joint for earth wire	No	1	98.28	98.28
	iii) Repair sleeves for conductor	No	2	230.24	460.48
	iv) Flexible copper Bond	No	2	397.58	795.16
	v) Vibration damper for Wolf ACSR	No	50	801.94	40097.00
	vi) Vibration damper for earthwire	No	4	472.13	1888.52
	vii) Earth wire Tension clamp	No	3	614.44	1843.32
	viii) Earth wire Suspension clamp	No	3	633.64	1890.92
	Total				14,16,483.80

Rs 14,16,483.80
 (Rupees Fourteen Lakh Sixteen Thousand Four Hundred Eighty Three & Paise Eighty only)

All terms and conditions of the original work order (Referred above) shall remain unchanged

This may please be read in conjunction with the above referred work order already issued to you by this office and quantity variation may please be acknowledged accordingly


 Superintending Engineer/ P&D,
 UHBVN, Panchkula

Copy of the above is forwarded to the following for information and necessary action please.

1. SPS to Director/ Tech-I, UHBVN, Panchkula for kind information of the Director. please
2. C.E./ P&D, UHBVN, Panchkula.

- 4 SE Op Circle, UHBVN Yamunanagar
- 6 SE- Construction Circle UHBVN, Panchkula
- 6 SE- Civil Construction Circle UHBVN Panchkula
- 7 FA/HQ UHBVN Panchkula
- 8 FA & CAO/ PD&C, UHBVN Panchkula
- 9 XEN/ Const., Division, UHBVN, Karnal.
- 10 XEN/ Civil Const., Division, UHBVN, Panchkula.

This issues with the approval of Chief Engineer, PD&C UHBVN Panchkula at NP 10 of file of Lohan/ Chhoul/ EOI- 05 and issued after pre audit from FA & CAO/ PD&C UHBVN Panchkula


Superintending Engineer/ P&D,
UHBVN, Panchkula

UTTAR HARYANA BIJLI VITRAN NIGAM LIMITED

(A Government of Haryana Undertaking)
 Registered Office: C-15, Vaidya Park, Sector-10, Chandigarh, India
 Office of CE/PD&C, UHBVN, Panchkula
 Ph. No. 0172-2570431, 3019145, 146 & Fax-0172-2570469
 E-mail - cepdcc@uhbvn.org.in

UHBVN

To

M/s Flair Electric Projects Pvt. Ltd.
 12B Transport Center Roma Road Parkas, Bagh
 New Delhi-110035
 Tel No +011-47634400

E-mail: mananra.kumar@gmail.com

Contract No. CH-26 / CE PDC/ SE PD/ XEN DD- III/ B- 581/ 2019
 Dated - 27.06.2019

Subject:

Variation Order for erection of material for construction of 02 No. new 66 kV Towers for new 33 kV Rampur-Chhoulia line emanating from 220 kV Sub-station Rampur Kamboj at crossing of SOM River alongwith complete civil works on turnkey basis under 'Op' Circle, Yamunanagar in geographical area of UHBVN.

Ref:-

LOI- cum- Work Order for erection of material for construction of new 66 kV Towers for strengthening of existing 33 kV Rampur-Thimo and 33 kV Rampur-Ledl lines emanating from 220 kV Sub-station Rampur Kamboj at Low Lying/ Water Logging/ Forest Area alongwith complete civil works on turnkey basis under 'Op' Circle, Yamunanagar in geographical area of UHBVN. LOI- cum- Work Order No. PDC- B26/ CE PDC/ SE PD/ XEN DD- III/ B- 581/ 2019 dated 28.05.2019

This is with ref to the above referred LOI- cum- Work Order and your firm by this office for the subject cited matter.

In view of the provisions contained in the above referred work order, Clause No. 15 Quantity Variation, the variation order for quantity variation (Erection Part) for work of construction of 02 No. new 66 kV Towers for new 33 kV Rampur-Chhoulia line emanating from 220 kV Sub-station Rampur Kamboj at crossing of Som River alongwith complete civil works on turnkey basis with following revised value of work order:-

Description of the work order	Original value for Supply & Erection of Material (all inclusive)	Revised value for Supply & Erection of Material (all inclusive)	Reference
Work Order No. PDC- B26/ CE PDC/ SE PD/ XEN DD- III/ B- 581/ 2019 dated 28.05.2019	1,66,93,722.12	1,20,50,510.70	Table-A

The schedule of prices is given as under:-

Table-A

Erection of material for 66 kV Towers:-

Sl. No.	Description of Material	Unit	Qty.	Erection price (all inclusive) (in Rs.)	Total cost for erection of material (all inclusive) (in Rs.)
A TOWERS					
Fabrication and supply of tower part with studs, bolts & nuts, step bolts, U-bolts, hangers, D-shackle etc. of following type of 66 kV D/C KRR Design towers					
1	66kV 'DA' type Tower	No.	2	24745.33	49490.66
	11.3m extra Only	No.	0	4335.28	0.00
	11.6m extra Only	No.	2	1109.82	2219.64
2	66kV 'DL' type Tower	No.	0	38155.99	0.00
	11.3m extra Only	No.	0	9148.70	0.00

3	1. 6m extn Only	No	0	10508 15	0 00
	2. 66KV "DC" type Tower	No.	0	38134 26	0 00
	3. 3m extn Only	No	0	9386 02	0 00
	4. 6m extn Only	No.	0	17645 58	0 00
4	66KV "DD" type Tower	No	0	51114 58	0 00
	1. 3m extn Only	No	0	11602 77	0 00
	2. 6m extn Only	No	0	20055 82	0 00
5	Gentry	No	0	33452 51	0 00
5	4 pole structure on 11 mtr long PCC poles	No	2	12216 81	24433 62
	Supply of earthing of towers			0 00	0 00
	1. Pipe type	Set	2	679 09	1358 18
	2. Concrete base type	Set	0	0 00	0 00
3	Supply of following Tower accessories			0 00	0 00
	i) Danger Plate	No.	6	81 50	489 00
	ii) Number Plate	No.	6	81 50	489 00
	iii) Phase Plate (set of 3)	Set	3	81 50	244 50
	iv) Circuit Plate (set of 2)	Set	6	81 50	489 00
	v) Bird Guard (Set of 3)	Set	6	203 73	1222 32
	vi) Anti climbing device	Set	6	1083 57	6515 42
B	LINE MATERIAL			0 00	0 00
4	Conductor (Wolf ACSR 150mm ²)	km	1.2	14535 30	17442 36
5	Earthwire (7/ 3.15 mm)	km	0.4	3322 36	1328 94
6	Antifog type disc insulators			0 00	0 00
	i) 70 kN Suspension type	Set	25	276 86	6921 50
	ii) 90 kN Tension type	Set	55	415 29	22840.95
7	66 KV Post Insulators	No	0	276 86	0 00
3	Hardware Fittings			0 00	0 00
	i) Single T Suspension String suitable for Wolf ACSR 150mm ²	Set	10	83 06	830 60
	ii) Single suspension pilot string suitable for Wolf ACSR 150mm ²	Set	2	165 16	330.32
	iii) Single Tension string suitable for Wolf ACSR 150mm ²	Set	19	179.96	3419 24
	iv) Double tension string	Set	0	703.53	0 00
9	Conductor & Earth wire Accessories			0 00	0 00
	i) Mid Span Compression Joint for conductor	No.	2	104 31	208.62
	ii) Mid Span Compression Joint for earth wire	No	1	11 83	11.83
	iii) Repair sleeves for conductor	No	2	27 68	55.36
	iv) Flexible copper Bond	No.	2	47 81	95.62
	v) Vibration damper for Wolf ACSR	No.	50	96.44	4822 00
	vi) Vibration damper for earthwire	No	4	56 76	227 04
	vii) Earth wire Tension clamp	No	3	73 89	221.57
	viii) Earth wire Suspension clamp	No.	3	76 20	228.60
10	DISMANTLEMENT WORK to be included in Erection Part of BOO			0 00	0 00
	i) Dismantlement of existing of PCC Poles 11 mtr. Long (inclusive of complete fittings) and their transportation proper stacking at any dedicated store of UHBVN	No	0	516 90	0 00
	ii) Dismantlement of existing of 130 mm ² Legend ACSR conductor complete with HW fittings for above portion of line and their transportation proper stacking at any dedicated store of UHBVN	km	0	2572 98	0 00
	iii) Dismantlement of existing of earthwire complete with HW fittings for above portion of line and their transportation proper stacking at any dedicated store of UHBVN	km	0	1379 95	0 00
C	Civil Works				0 00
1	Detailed Survey	km	0.4	18037 89	7615 16
2	Forming core log data	No	2	6345 96	12691 92
3	(A) Construction of tower foundations as per HVPNL Drawings & Specifications for 0 to 6M extension including excavation, concreting supply and placement of steel reinforcement and backfilling complete in all respect			0 00	0 00

i) 66kV D/C Tower type 'DA' (KRR Design) classified as

- Dry
- Wet (w/out de-watering)

No. 0
No. 2

0 00
15567 73
79437 50
158875 00

ii) 66kV D/C Tower type 'DB' (KRR Design) classified as

- Dry
- Wet (w/out de-watering)

No. 0
No. 0

0 00
106697 23
122048 11
0 00

iii) 66kV D/C Tower type 'DC' (KRR Design) classified as

- Dry
- Wet (w/out de-watering)

No. 0
No. 0

0 00
132652 41
163808 97
0 00

iv) 66kV D/C Tower type 'DD' (KRR Design) classified as

- Dry
- Wet (w/out de-watering)

No. 0
No. 0

0 00
176127 14
213546 75
0 00

4 "Construction of 66 kV D/C gantry foundations as per HVPNL Drgs & specs including excavation, concreting, supply & placement of steel reinforcement & backfilling complete in all respect

Set 0

309184 22
0 00

"KRR design gantry"

5 Dewatering of subsoil water for lowering of water table to enable excavation of earth, concreting for foundations/ slab and backfilling, by boring of tube wells or deploying well point system so that continuous lowering of water table is made till completion of work, without disturbing the soil characteristics. The rate shall include all type of expenditure for required dewatering arrangements and, irrespective of type of tower i/c extensions if any i.e. KRR design of IATA design

No

2

63459 63
126919 25

6 Protection Measure

0 00

i) Brick masonry in 1:4 cement sand mortar including excavation

Cum

2

4149 51
8299 02

ii) Earth filling compaction leveling etc inside revetments

Cum

2

81 22
162 44

iii) M-20 (1:1½:3 mix) concrete for top seal cover, for revetment etc.

Cum

1

5943 26
5943 26

iv) Lean concrete (1:4:8)

Cum

1

3225 02
3225 02

v) RCC 1:1:3 (M20) including all material labour excavation cutting and placing of steel, centering & shuttering concreting etc complete in all respect

Cum

5

12691 93
63459 51

Total

546312.78

Total Rs. 5,46,312.78

(Rupees Five Lakh Forty Six Thousand Three Hundred Twelve and Paise Seventy Eight only)

All terms and conditions of the original work order (Referred above) shall remain unchanged.

This may please be read in conjunction with the above referred work order already issued to you by this office and quantity variation may please be acknowledged accordingly!


Superintending Engineer (P&S)
UHBVN Panchkula.

Copy of the above is forwarded to the following for information and necessary action please.

1. SPS to Director/ Tech-I, UHBVN, Panchkula for kind information of the Director, please
2. CE/ PD&C, UHBVN, Panchkula
3. CE 'Op' Circle, UHBVN, Panchkula.
4. SE 'Op' Circle, UHBVN, Yamunanagar.

- 1. Construction Office UHBVN Panchkula
- 2. Civil Construction Circle UHBVN Panchkula
- 3. FA & C/O PD&C UHBVN Panchkula
- 4. GEN Const. Division UHBVN Karnal
- 5. GEN Civil Const. Division UHBVN Panchkula

The issues with the approval of Chief Engineer PD&C, UHBVN Panchkula in NP 10 of
No. of Order/Chrou/EOI-55 and issued after pre-audit from FA & C/O PD&C, UHBVN
Panchkula


Superintending Engineer PD&C
UHBVN Panchkula